

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/892,206

2/13 OPE #16
CRF Processing Date: 2/26/2002
Edited by: [Signature]
Verified by: _____ (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

***Examiner:** The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/892,206

DATE: 02/26/2002
TIME: 17:29:27

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02262002\I892206.raw

4 <110> APPLICANT: Brennan, Thomas J.
5 Matthews, William
6 Moore, Mark
8 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING ANAPHYLATOXIN
9 C3A GENE DISRUPTIONS
12 <130> FILE REFERENCE: R-171
14 <140> CURRENT APPLICATION NUMBER: US 09/892,206
15 <141> CURRENT FILING DATE: 2001-06-26
17 <150> PRIOR APPLICATION NUMBER: US 60/215,467
18 <151> PRIOR FILING DATE: 2000-06-29
20 <150> PRIOR APPLICATION NUMBER: US 60/244,083
21 <151> PRIOR FILING DATE: 2000-10-26
23 <160> NUMBER OF SEQ ID NOS: 7
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 2657
29 <212> TYPE: DNA
30 <213> ORGANISM: Mus musculus
32 <400> SEQUENCE: 1
33 agggagagtc tgcccacaag tttttgtata ttttctcact gaggcaccta ttcagtttgg 60
34 gcagcagaca ctgagcagaa cgtagcacgg caatgcttgg tagcaatgcc tgtccggcca 120
35 gcactcagaa gacggaggca ggagaatcat agcttccagt cagcctcttc tacaatatag 180
36 tcagttggaa gtcagccagc ttagacaaca tggagagcct gtgccgaaag ccactgggta 240
37 agcccgaatc tcagtagcag agagctgccc aggggtgcgta ctgcaaaaaa aaaacctcaa 300
38 acaacagaag tagggagggtg taaaataaag tgtagggggg tgggaatttaa gctgatgtgg 360
39 acttccaaat aaagttacct tttagatacc tatttaaadc aatagcatag acctgaaact 420
40 gtctatcaga aaatgtgtct attctgagga aggagtgcata acgaggttct gtgagggggg 480
41 cctctggcct tgagagggtg taccatcaca taagactcct aaaagcacat acttttataa 540
42 attcaccatg agctttaaca tttcttttgg catttcgcag actgagccat ggagtcttct 600
43 gatgctgaca ccaattcaac tgacctacac tcacggcctc tgtttcaacc ccaagacatt 660
44 gcctccatgg tcattcttgg tctcacttgg ctattgggac tgctaggcaa tgggctgggtg 720
45 ctgtgggtag ctggcgtaaa gatgaagacg accgtgaaca cagtctggtt cctccatctc 780
46 accctggccg atttccctctg ctgcctctcc ttgcccttct ccttgggtca cctgattctc 840
47 caaggacact ggccctatgg ctgtttcctg tgcaaaactta tcccatccat cattattctc 900
48 aacatgtttg ccagtgctct cctgcttact gccattagcc tggaccgatg tctgatagta 960
49 cataagccaa tctggtgcca gaatcatcga aacgtgagaa ccgccttcgc catctgtgga 1020
50 tgtgtctggg tggtagcctt tgtgatgtgt gtgcccgat ttgtataccg tgatctgttc 1080
51 attatggaca atcgagctat atgtagatat aattttgatt cctccagggtc atatgattat 1140
52 tgggactacg tgtacaaaact aagtcatacca gaaagcaatt ctactgataa ctccactgct 1200
53 cagctaactg gacatatgaa tgacagggtc gctccttctc ctgtacagggc aagggattac 1260
54 ttttgacag ttaccactgc cctccagtca cagccattcc taacatctcc tgaagactca 1320
55 ttctctctag attcagcaaa ccaacaaccc cattatgggt gaaagcctcc taatgtcctc 1380
56 acagccgccc taccagcggt gtttctgtgt gaagatcgta aatccaatac actgaacgct 1440

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/892,206

DATE: 02/26/2002
TIME: 17:29:27

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02262002\I892206.raw

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57 gacgcttttc tctctgctca cacagaactt ttccctactg cttctagtgg tcattttatac 1500
58 ccctatgatt tccaggggga ttatgttgac caattcacgt atgacaatca tgtgccgaca 1560
59 ccgctgatgg caataaccat cacaaggctg gtgggtgggt tcctgggtgcc gtttttcac 1620
60 atggtaattt gttacagcct catcgtcttc agaatgcgaa aaaccaactt caccaagtct 1680
61 cggaacaaaa cctttcgggt ggctgtgggt gtggctactg tcttttttat ctgctggact 1740
62 ccataccatc ttgtcggagt cctgctattg attactgac cagaaagtgc cttgggggaa 1800
63 gctgtgatgt cctgggacca catgtccatt gcttttagcat ctgccaatag ttgcttcaac 1860
64 cctttcctgt atgccctctt ggggaaagac ttttaggaaga aagcaagaca gtctataaag 1920
65 ggcattctgg aagcagcctt cagcgaagag ctcacgcact ctaccaactg taccgaagac 1980
66 aaagcctctt caaaaagaaa caatatgagt acagatgtgt gaagatgtgg ccctgggaac 2040
67 ctaagcagag ttctcagggt aacagtgtat gatgacatgt gagcaggaca ctttagacaa 2100
68 tttggcgact ctcagagaaa ggtctcttat tgacatcagc atcatttgaa aacattaaag 2160
69 atgcaaaatt tcaagcccca tcccagatgt gttgactcag aatctctggc ccatgggacc 2220
70 agtgttttaa caggccttct tgtttccatc agtggttaagt tttacctcat ttggcttagt 2280
71 ctattcccat cctgactac accatgtgca atgaataact ttttcatctg ttttcagtat 2340
72 tctttttttt tcttagcat catctaaact tctagtttgc atggaaggct gctcttattg 2400
73 ttctgaatgg aagatattca tttattgtac agttttgtgg tggtgacaag tgatttttaa 2460
74 gtgggggaaag agacacagta agaaaagatc tatgaaagca gggagtgttg agttagagtt 2520
75 tgacagaaca cagtgccaaa tgccaccac ctgagataat tccagtgttc 2580
76 atgtgagcaa gtgagcacag atacacataa acactttcct actcctggag tgttttagaa 2640
77 gttgtagctt ggagctc 2657

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79 <210> SEQ ID NO: 2

80 <211> LENGTH: 477

81 <212> TYPE: PRT

82 <213> ORGANISM: Mus musculus

84 <400> SEQUENCE: 2

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85 Met Glu Ser Phe Asp Ala Asp Thr Asn Ser Thr Asp Leu His Ser Arg
86 1 5 10 15
87 Pro Leu Phe Gln Pro Gln Asp Ile Ala Ser Met Val Ile Leu Gly Leu
88 20 25 30
89 Thr Cys Leu Leu Gly Leu Leu Gly Asn Gly Leu Val Leu Trp Val Ala
90 35 40 45
91 Gly Val Lys Met Lys Thr Thr Val Asn Thr Val Trp Phe Leu His Leu
92 50 55 60
93 Thr Leu Ala Asp Phe Leu Cys Cys Leu Ser Leu Pro Phe Ser Leu Ala
94 65 70 75 80
95 His Leu Ile Leu Gln Gly His Trp Pro Tyr Gly Leu Phe Leu Cys Lys
96 85 90 95
97 Leu Ile Pro Ser Ile Ile Ile Leu Asn Met Phe Ala Ser Val Phe Leu
98 100 105 110
99 Leu Thr Ala Ile Ser Leu Asp Arg Cys Leu Ile Val His Lys Pro Ile
100 115 120 125
101 Trp Cys Gln Asn His Arg Asn Val Arg Thr Ala Phe Ala Ile Cys Gly
102 130 135 140
103 Cys Val Trp Val Val Ala Phe Val Met Cys Val Pro Val Phe Val Tyr
104 145 150 155 160
105 Arg Asp Leu Phe Ile Met Asp Asn Arg Ser Ile Cys Arg Tyr Asn Phe
106 165 170 175
107 Asp Ser Ser Arg Ser Tyr Asp Tyr Trp Asp Tyr Val Tyr Lys Leu Ser

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/892,206

DATE: 02/26/2002
TIME: 17:29:27

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02262002\I892206.raw

```

108                               180                               185                               190
109 Leu Pro Glu Ser Asn Ser Thr Asp Asn Ser Thr Ala Gln Leu Thr Gly
110                               195                               200                               205
111 His Met Asn Asp Arg Ser Ala Pro Ser Ser Val Gln Ala Arg Asp Tyr
112                               210                               215                               220
113 Phe Trp Thr Val Thr Thr Ala Leu Gln Ser Gln Pro Phe Leu Thr Ser
114 225                               230                               235                               240
115 Pro Glu Asp Ser Phe Ser Leu Asp Ser Ala Asn Gln Gln Pro His Tyr
116                               245                               250                               255
117 Gly Gly Lys Pro Pro Asn Val Leu Thr Ala Ala Val Pro Ser Gly Phe
118                               260                               265                               270
119 Pro Val Glu Asp Arg Lys Ser Asn Thr Leu Asn Ala Asp Ala Phe Leu
120                               275                               280                               285
121 Ser Ala His Thr Glu Leu Phe Pro Thr Ala Ser Ser Gly His Leu Tyr
122                               290                               295                               300
123 Pro Tyr Asp Phe Gln Gly Asp Tyr Val Asp Gln Phe Thr Tyr Asp Asn
124 305                               310                               315                               320
125 His Val Pro Thr Pro Leu Met Ala Ile Thr Ile Thr Arg Leu Val Val
126                               325                               330                               335
127 Gly Phe Leu Val Pro Phe Phe Ile Met Val Ile Cys Tyr Ser Leu Ile
128                               340                               345                               350
129 Val Phe Arg Met Arg Lys Thr Asn Phe Thr Lys Ser Arg Asn Lys Thr
130                               355                               360                               365
131 Phe Arg Val Ala Val Ala Val Val Thr Val Phe Phe Ile Cys Trp Thr
132                               370                               375                               380
133 Pro Tyr His Leu Val Gly Val Leu Leu Leu Ile Thr Asp Pro Glu Ser
134 385                               390                               395                               400
135 Ser Leu Gly Glu Ala Val Met Ser Trp Asp His Met Ser Ile Ala Leu
136                               405                               410                               415
137 Ala Ser Ala Asn Ser Cys Phe Asn Pro Phe Leu Tyr Ala Leu Leu Gly
138                               420                               425                               430
139 Lys Asp Phe Arg Lys Lys Ala Arg Gln Ser Ile Lys Gly Ile Leu Glu
140                               435                               440                               445
141 Ala Ala Phe Ser Glu Glu Leu Thr His Ser Thr Asn Cys Thr Gln Asp
142                               450                               455                               460
143 Lys Ala Ser Ser Lys Arg Asn Asn Met Ser Thr Asp Val
144 465                               470                               475
147 <210> SEQ ID NO: 3
148 <211> LENGTH: 200
149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Targeting vector
155 <400> SEQUENCE: 3
156 cgagggttctg tgaggggggc ctctggcttt gagagggtgt accatcacat aagactccta 60
157 aaagcacata cttttataaa ttcacatga gctttaacat cttctttgtc atttcgcaga 120
158 ctgagccatg gagtctttcg atgctgacac caattcaact gacctacact cacggcctct 180
159 gtttcaaccc caagacattg
161 <210> SEQ ID NO: 4

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/892,206DATE: 02/26/2002
TIME: 17:29:27Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02262002\I892206.raw

162 <211> LENGTH: 200
163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Targeting vector
169 <400> SEQUENCE: 4
170 ggcttggtcc tgtgcaaact tatcccatcc atcattattc tcaacatggt tgccagtgtc 60
171 ttcttgctta ctgccattag cctggaccga tgtctgatag tacataagcc aatctggtgc 120
172 cagaatcatc gaaacgtgag aaccgccttc gccatctgtg gatgtgtctg ggtggtagcc 180
173 tttgtgatgt gtgtgcccgt 200
175 <210> SEQ ID NO: 5
176 <211> LENGTH: 197
177 <212> TYPE: DNA
178 <213> ORGANISM: Mus musculus
180 <400> SEQUENCE: 5
181 cctccatggt cattcttggc ctcaactgtc tattgggact gctaggcaat gggctggtgc 60
182 tgtgggtagc tggcgtaaag atgaagacga ccgtgaacac agtctggttc ctccatctca 120
183 ccctggccga ttctctctgc tgccctctct tgccctctct cttgggtcac ctgattctcc 180
184 aaggacactg gccctat 197
186 <210> SEQ ID NO: 6
187 <211> LENGTH: 439
188 <212> TYPE: DNA
189 <213> ORGANISM: Mus musculus
191 <400> SEQUENCE: 6
192 gccgaaagcc actgggtaag ccggaatctc agtagcagag agctgcccag ggtgcgtagt 60
193 gcaaaaaaaaa aacctcaaac aacagaagta gggagggtgta aaataaagt taggggggtg 120
194 gaatttaagc tgatgtggac ttccaaataa agttaccttt tagataccta tttaaataca 180
195 tagcatagac ctgaaactgt ctatcagaaa atgtgtctat tctgaggaag gagtgtctac 240
196 gaggttctgt gagggggggc tctggctttg agagggtgta ccatcacata agactcctaa 300
197 aagcacatac ttttataaat tcacatgag ctttaacatc ttctttgtca ttctgcagac 360
198 tgagccatgg agtctttcga tgcgtacacc aattcaactg acctacactc acggcctctg 420
199 tttcaacccc aagacattg 439
201 <210> SEQ ID NO: 7
202 <211> LENGTH: 295
203 <212> TYPE: DNA
204 <213> ORGANISM: Mus musculus
206 <400> SEQUENCE: 7
207 ggcttggtcc tgtgcaaact tatcccatcc atcattattc tcaacatggt tgccagtgtc 60
208 ttcttgctta ctgccattag cctggaccga tgtctgatag tacataagcc aatctggtgc 120
209 cagaatcatc gaaacgtgag aaccgccttc gccatctgtg gatgtgtctg ggtggtagcc 180
210 tttgtgatgt gtgtgcccgt atttgtatac cgtgatctgt tcattatgga caatcgagc 240
211 atatgtagat ataattttga ttctccagg tcatatgatt attgggacta cgtgt 295

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/892,206

DATE: 02/26/2002

TIME: 17:29:28

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\02262002\I892206.raw



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/892,206

DATE: 02/14/2002

TIME: 16:30:59

Input Set : A:\R171 sequence listing for submission.txt

Output Set: N:\CRF3\02142002\I892206.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: Brennan, Thomas J.
 5 Matthews, William
 6 Moore, Mark
 8 <120> TITLE OF INVENTION: TRANSGENIC MICE CONTAINING ANAPHYLATOXIN
 9 C3A GENE DISRUPTIONS
 12 <130> FILE REFERENCE: R-171
 14 <140> CURRENT APPLICATION NUMBER: US 09/892,206
 15 <141> CURRENT FILING DATE: 2001-06-26
 17 <150> PRIOR APPLICATION NUMBER: US 60/215,467
 18 <151> PRIOR FILING DATE: 2000-06-29
 20 <150> PRIOR APPLICATION NUMBER: US 60/244,083
 21 <151> PRIOR FILING DATE: 2000-10-26
 23 <160> NUMBER OF SEQ ID NOS: 7
 25 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

201 <210> SEQ ID NO: 7
 202 <211> LENGTH: 295
 203 <212> TYPE: DNA
 204 <213> ORGANISM: Mus musculus
 206 <400> SEQUENCE: 7
 207 ggcttggttcc tgtgcaaact tatcccatcc atcattattc tcaacatggt tgccagtgtc 60
 208 ttccctgctta ctgccattag cctggaccga tgtctgatag tacataagcc aatctggtgc 120
 209 cagaatcatc gaaacgtgag aaccgccttc gccatctgtg gatgtgtctg ggtggtagcc 180
 210 tttgtgatgt gtgtgcccggt atttgatac cgtgatctgt tcattatgga caatcgagc 240
 211 atatgtagat ataattttga ttccctccagg tcatatgatt attgggacta cgtgt 295
 E--> 215 ①

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/892,206

DATE: 02/14/2002

TIME: 16:31:00

Input Set : A:\R171 sequence listing for submission.txt
Output Set: N:\CRF3\02142002\I892206.raw

L:215 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:295 SEQ:7